

Screening and Incidence Statistics Fiscal Year 1998

The following tables, based on reported tests, present childhood lead screening percentages, incidence by blood lead levels, and childhood incidence rates for elevated and poisoned lead levels. This information is relevant to assessing the need for treatment and prevention services by communities within the Commonwealth of Massachusetts:

Communities (pages 1-12)

A key is provided to explain the data contained in each of the columns.

Community

Cities and towns in Massachusetts listed alphabetically

Children 9-48 Months

Total number of children 9 months to 48 months of age for whom universal screening is mandatory.

Pop.

Number of children 9 months to 48 months of age according to 1995 Strategic Mapping Inc. population estimates.

Screened

Number of children 9 months to 48 months of age who were screened for lead poisoning between July 1, 1997 and June 30, 1998.

Percent

Percent of children 9 months to 48 months of age who were screened for lead poisoning between July 1, 1997 and June 30, 1998. This may exceed 100% when the 1995 population estimate underestimates the current population.

Children 6-72 Months

Total number of children 6 months to 6 years of age for whom incidence and incidence rates are being calculated.

Pop.

Number of children 6 months to 72 months of age according to 1995 Strategic Mapping Inc. population estimates.

Screened

Number of children 6 months to 72 months of age who were screened for lead poisoning between July 1, 1997 and June 30, 1998.

Percent

Percent of children 6 months to 72 months of age who were screened for lead poisoning between July 1, 1997 and June 30, 1998. This may exceed 100% when the 1995 population estimate underestimates the current population.

Incidence

Number of children 6 months to 6 years of age, confirmed for the first time with blood lead levels ≥ 15 mcg/dL, from July 1, 1997 through June 30, 1998 by venous testing, grouped by risk level.

Blood Lead Levels**15-19**

Number of children confirmed for the first time with moderately elevated blood lead levels between 15 and 19 mcg/dL.

20-24

Number of children confirmed for the first time with elevated blood lead levels between 20 and 24 mcg/dL.

 ≥ 25

Number of children confirmed for the first time with lead poisoned blood lead levels ≥ 25 mcg/dL. The Massachusetts regulatory threshold for lead poisoning is 25 mcg/dL or above.

Total ≥ 15

Number of children confirmed for the first time with blood lead levels ≥ 15 mcg/dL.

Total ≥ 20

Number of children confirmed for the first time with blood lead levels ≥ 20 mcg/dL. This blood lead level range has been used to calculate incidence rates.

Incidence Rate x 1000 **≥ 20**

Number of newly identified children with blood lead levels of 20 mcg/dL or greater per one thousand children screened between July 1, 1997 and June 30, 1998.

% Houses Built Before 1950

The percentage of all housing units that were built before 1950 according to 1990 Census